

## MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

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www.miamidade.gov/economy

# DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

Wayne Dalton a Div. of Overhead Door Corporation 3395 Addison Drive Pensacola, FL 32514

Scope: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Models 8024/8124 Code 1320 Steel Sectional Garage Door up to 16'-0" Wide with Optional Impact Resistant Glazing

APPROVAL DOCUMENT: Drawing No. 329929, titled "Models 8024/8124, Windload Specification Option Code 1320", sheets 1 through 5 of 5, dated 05/04/2007, prepared by Overhead Door Corporation, signed and sealed by Mark A. Sawicki, P.E., bearing the Miami-Dade County Product Control revision stamp with the NOA number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large & Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, manufacturing address, model/series number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises NOA # 12-0605.09 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.

MIAMI-DADE COUNTY
APPROVED

Jo2/11/2015

NOA No: 14-0825.12 Expiration Date: September 27, 2017 Approval Date: February 19, 2015

Page 1

### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### A. DRAWINGS

1. Drawing No. 329929, titled "Models 8024/8124, Windload Specification Option Code 1320", sheets 1 through 3 of 3, dated 05/04/2007, prepared by Overhead Door Corporation, signed and sealed by Mark A. Sawicki, P.E.

#### B. TESTS "Submitted under NOA # 12-0215.05"

1. Test report on Forced Entry Resistance Test, per FBC TAS 202-94 of a Series/Model 8024/8124 Garage Door, prepared by Architectural Testing, Inc, dated 12/13/2012, signed and sealed by Vinu J. Abraham, P.E.

#### "Submitted under NOA # 08-0304.03"

- 2. Test report on 1) Uniform Static Air Pressure Test, per FBC, TAS 202-94
  - 2) Large Missile Impact Test, per FBC, TAS 201-94
  - 3) Cyclic Wind Pressure Loading Test, per FBC, TAS 203-94, along with marked-up drawings, prepared by Certified Testing Laboratories, Inc., Report # CTLA 1734W-1, dated 11/09/2007, signed and sealed by Ramesh Patel, P.E.

#### "Submitted under NOA # 07-0808.02"

- 3. Test report on 1) Uniform Static Air Pressure Test, per FBC, TAS 202-94
  - 2) Large Missile Impact Test, per FBC, TAS 201-94
  - 3) Cyclic Wind Pressure Loading Test, per FBC, TAS 203-94, along with marked-up drawings, prepared by Certified Testing Laboratories, Inc., Report # CTLA 1672W-3, dated 05/21/2007, signed and sealed by Ramesh Patel, P.E.
- 4. Test report on Tensile Test, per ASTM E8, dated 05/22/2007, prepared by Certified Testing Laboratories, Inc., Report # CTLAW, signed and sealed by Ramesh Patel, P.E.

#### C. CALCULATIONS "Submitted under NOA # 11-0411.05"

- 1. Anchoring calculations prepared by John E. Scates, P.E., dated 12/08/2010, signed and sealed by John E. Scates, P.E.
- 2. Fastening calculations prepared by Wayne Dalton Corporation, dated 10/24/2007, signed and sealed by Mark R. Barrow, P.E. "Submitted under NOA # 07-1105.02"

Carlos M. Utrera, P.E. Product Control Examiner NOA No 14-0825.12

Expiration Date: September 27, 2017 Approval Date: February 19, 2015

#### Wayne Dalton a Div. of Overhead Door Corporation

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### D. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 12-0605.05, issued to Bayer MaterialScience LLC (MA), for their Makrolon Polycarbonate Sheets, approved on 12/06/2012 and expiring on 08/27/2017.

#### E. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

#### F. STATEMENTS

1. Statement letter of code conformance to the 5<sup>th</sup> edition (2014) FBC issued by Wayne Dalton a Div. of Overhead Door Corporation, dated 08/15/2014, signed and sealed by Mark A. Sawicki, P.E.

#### "Submitted under NOA # 12-0605.09"

2. Statement letter of code conformance to 2010 FBC and no financial interest, issued by John E. Scates, Professional Engineer, dated 05/22/2012, signed and sealed by John E. Scates, P.E.

102/11/2015

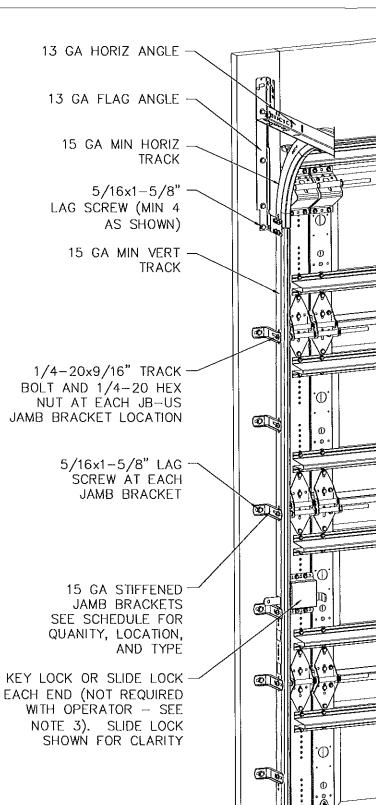
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 14-0825.12
Expiration Date: September 27, 2017
Approval Date: February 19, 2015

## 1. IMPACT RESISTANT GLAZING SYSTEM MAY BE /P2 INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS). GLAZING SHALL BE 1/4" MAKROLON-AR POLYCARBONATE OR EQUAL (MIAMI-DADE APPROVED). MAXIMUM GLAZING DIMENSIONS SHALL BE 18.56" x 12.26". SEE DETAIL E ON SHEET 3 FOR ASSEMBLY DETAILS.

- 2. VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.
- 3, KEY LOCK, SLIDE LOCK, OR OPERATOR REQUIRED.
- 4. SECTION STEEL TO HAVE A MINIMUM 24 GA THICKNESS WITH A MINIMUM G90 COATING AND A MINIMUM YIELD STRENGTH OF 33.8 KSI.
- 5. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.
- 6. WOOD SUBSTRATE FOR DOOR JAMB IS TO BE PI MINIMUM 2x6 NO. 3 SOUTHERN PINE RELATIVELY KNOT FREE. REFER TO SHEET 3 FOR ATTACHMENT TO SUPPORTING STRUCTURE. FOR DIRECT MOUNTING OF JAMB BRACKETS TO OTHER SUBSTRATES, SEE JAMB DETAIL SHEET 2. FOR MOUNTING OF CONTINOUS WALL ANGLE, SEE CONTINOUS WALL ANGLE DETAIL SHEET 3.
- 7. FOR LOW HEAD ROOM LIFT CONDITIONS, TOP BRACKET SHALL BE A 13 GA LHR 7/4 TOP BRACKET WITH A MINIMUM OF (3) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS IN LIEU OF THE BRACKET SHOWN ON THIS DRAWING. U-BAR ON TOP SECTION SHALL BE INSTALLED ON TOP OF LHR TOP BRACKETS.
- 8. LOUVERS MAY BE INSTALLED ON THE DOOR IF P2 THE TOTAL AREA OF THE LOUVER DOES NOT EXCEED 60 SQUARE INCHES.
- 9. THIS DOOR HAS NOT BEEN TESTED FOR AIR INFILTRATION.

WALENING ON ALENING

NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 4 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTE 1 THIS SHEET FOR GLAZING OPTIONS.



JAMB BRACKET SCHEDULE								
DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")					
6'-6"	4	7	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 39" (JB-US), 48" (JB-US), 57-1/4" (JB-US)					
7'-0"	4	7	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 42" (JB-US), 52-1/2" (JB-US), 63-1/4" (JB-US)					
7'-6"	5	8	2" (JB-US), 10" (JB-US), 18-3/4" (JB-US), 26-3/4" (JB-US), 36" (JB-US), 45" (JB-US), 54-1/4" (JB-US), 74-1/2" (JB-US)					
8'-0"	5	8	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 39" (JB-US), 48" (JB-US), 57-1/2" (JB-US), 75-1/2" (JB-US)					

NOTE:

(JB-US) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT AS SHOWN ABOVE.

ALL DOORS WITH DECORATIVE OVERLAY REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SHEET 5 FOR DETAILS.

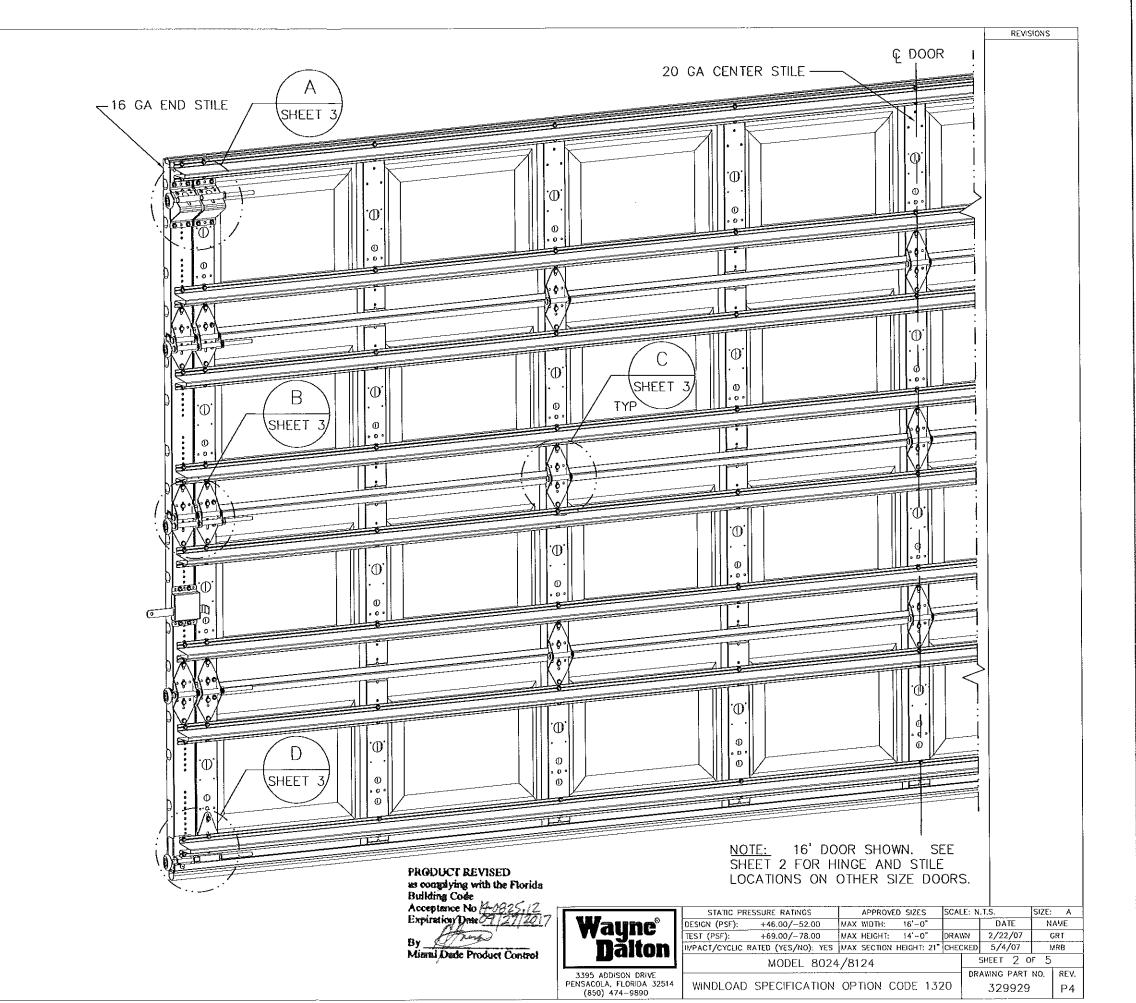
SUPERIMPOSED DESIGN PRESSURE									
LOAD	S ON	SUPPORTING STRUCTURE							
DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)							
10'-0"	ALL	+230.0/-260.0							
12'-0"	ALL	+276.0/-312.0							
14'-0"	ALL	+322.0/-364.0							
15'-0"	5'-0" ALL +345.0/-390.0								
16'-0"	ALL	+368.0/-416.0							

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 14-0825

Acceptance No 14-0025-12 Expiration Date 07/27/20/7  By Mismi Dade Product Control	Wayne <sup>®</sup> Dalton
	3395 ADDISON DRIVE

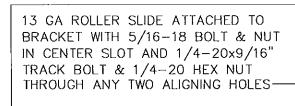
(850) 474-9890

STATIC PRESSURE RATINGS			APPROVED SIZES SCAL				E: N.T.	SIZE:		Α	
	DESIGN (PSF):	+46.00/-52.00	MAX WIDTH: 16'-0"			DATE		NAME		=	
	TEST (PSF):	+69.00/-78.00	MAX HEIGHT: 14'-0" DRA		DRAW	N	2/22/07		GR⊤		
IMPACT/CYCLIC RATED (YES/NO): YES MAX SECTION HEIGHT: 21" CHE					CHEC	CKED 5/4/07 №RB			:		
	MODEL 8024/8124							EET 1 0	F 5		
ì	,						DRAWING PART NO.			R	E۷.
	WINDLOAD	SPECIFICATION	OP	TION C	CODE 132	20		329929		F	4



\* MA SAWANA A SAWANA

VARK A SAWCKI, PE 2501 S. STATE HAY 121, SATE 200 LEWSYLLE, TX 75067 FL PE 72613 TX FE 106291



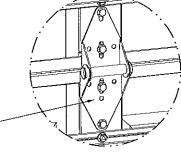
(2) 13 GA COMMERCIAL 'A' FRAME TOP BRACKETS EACH ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS-

ADD (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS (INSIDE OF EACH INSIDE END HINGE)-

2" STEEL ROLLER WITH 9" GRADE 1144 OR EQUIVALENT STEM AND 7/16" PUSHNUT AT EACH ROLLER LOCATION. 1/4" MAX BETWEEN PUSHNUT AND BRACKET OR HINGE

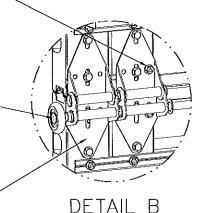
(2) 14 GA WIDE BODY END HINGES EACH ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS-

14 GA WIDE BODY INTERMEDIATE HINGE ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS



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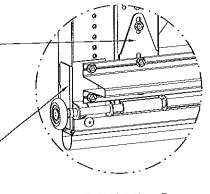
DETAIL A



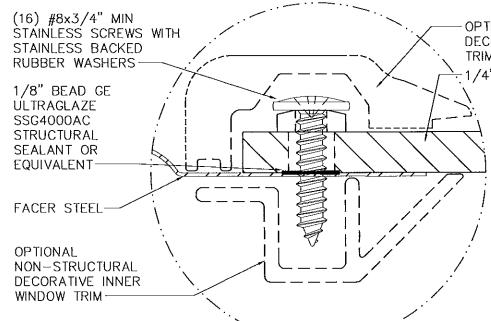
DETAIL C

12 GA EXTENSION BRACKET ATTACHED WITH (3) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS (2 THROUGH STRUT AND BRACKET)

14 GA BOTTOM BRACKET ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS THROUGH STRUT AND BOTTOM BRACKET AND (1) 1/4-14x5/8" SELF DRILLING TAMPER RESISTANT SCREW -



DETAIL D



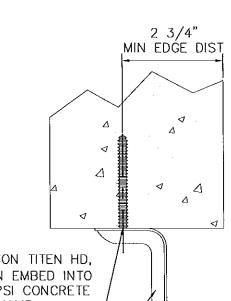
DETAIL E

PRODUCT REVISED

as complying with the Florida

OPTIONAL NON-STRUCTURAL DECORATIVE OUTER WINDOW TRIM

/4" POLYCARBONATE



REVISIONS

3/8" SIMPSON TITEN HD, 2-3/4" MIN EMBED INTO MIN 2000 PSI CONCRETE FOR EACH JAMB BRACKET LOCATION

JAMB BRACKET 1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT-TRACK-

CONCRETE MOUNTING DETAIL



**Building Code** Acceptance No. 14-0825 12
Expiration Date 27/27/2017

By Wayne **Nălton** Mizmi Dade Product Control

3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850) 474–9890

٦	STATIC PRESSURE RATINGS			APPROVED SIZES			SCALE: N.T.S.		
ı	DESIGN (PSF):	+46.00/-52.00	MAX	WIDTH:	16'-0"		DATE	N	AME
ı	TEST (PSF):	+69.00/-78.00	MAX	HEIGHT:	14-0	DRAWN	2/22/07	GRT	
ı	IMPACT/CYCLIC RATED (YES/NO): YES MA			SECTION	HEIGHT: 21	CHECKED	5/4/07	MRB	
	MODEL 8024/8124						SHEET 3 C	)F 5	
	WINDLOAD SPECIFICATION OPTION CODE 1320						RAWING PART	NO.	REV.
4							329929		

VARK A. SAWCKI, PE 2501 S. STATE HAY 121, SATE 200 LEWISVILE, TX 75067 FL. PE 72613 TX PE 106291

